

100 102 104 200 Client 1 Client 2 Client N

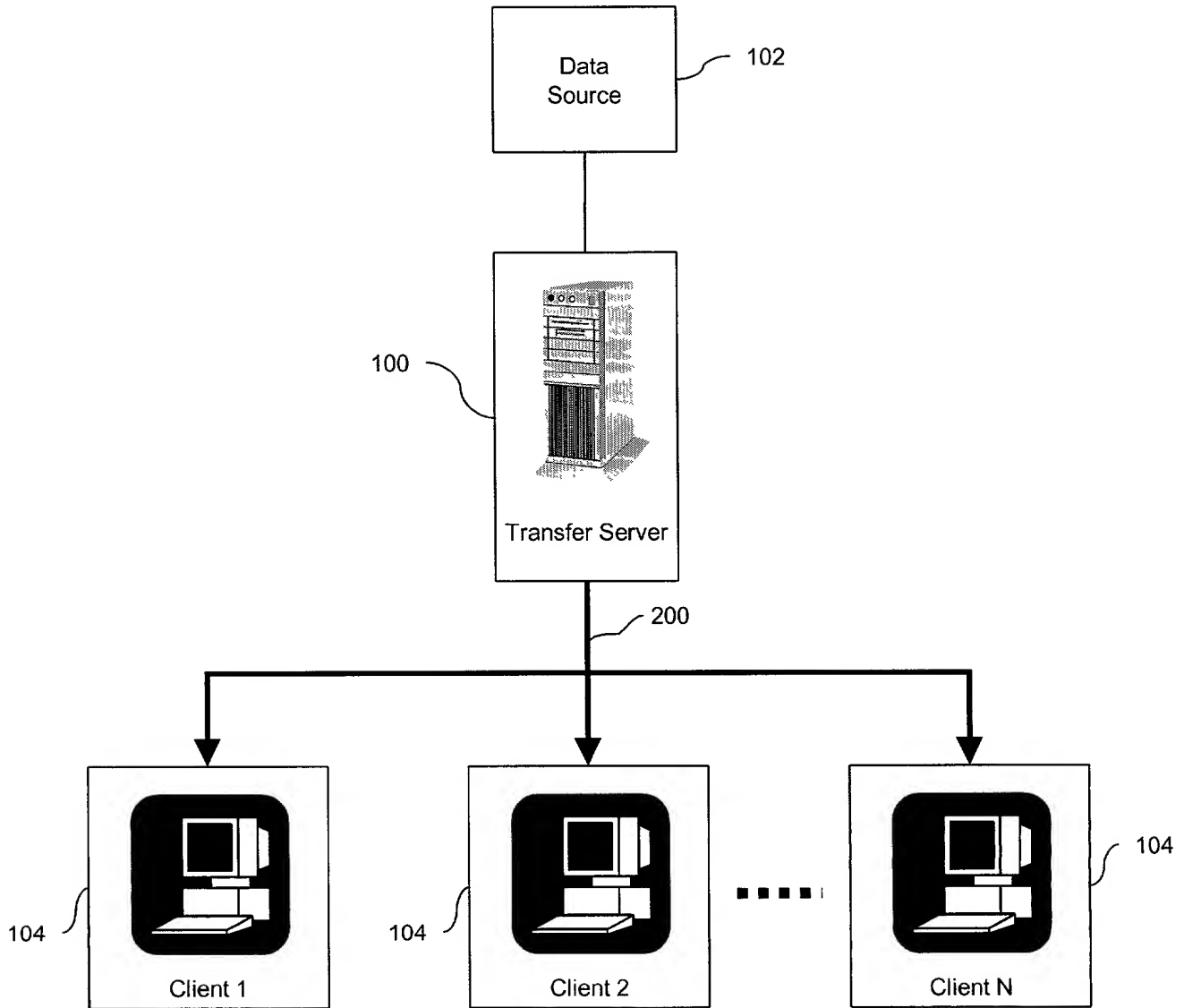


Figure 2
[PRIOR ART]

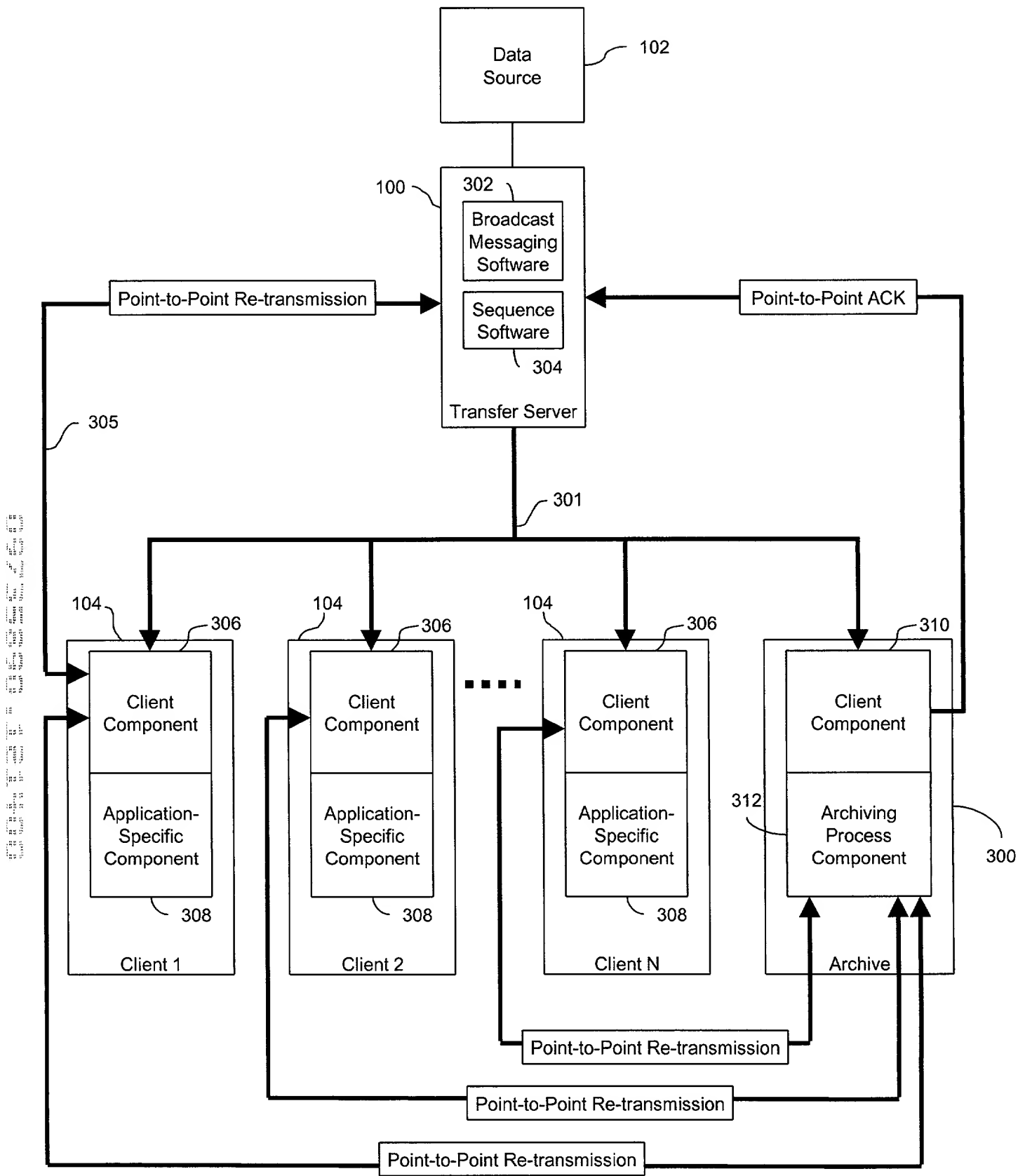


Figure 3

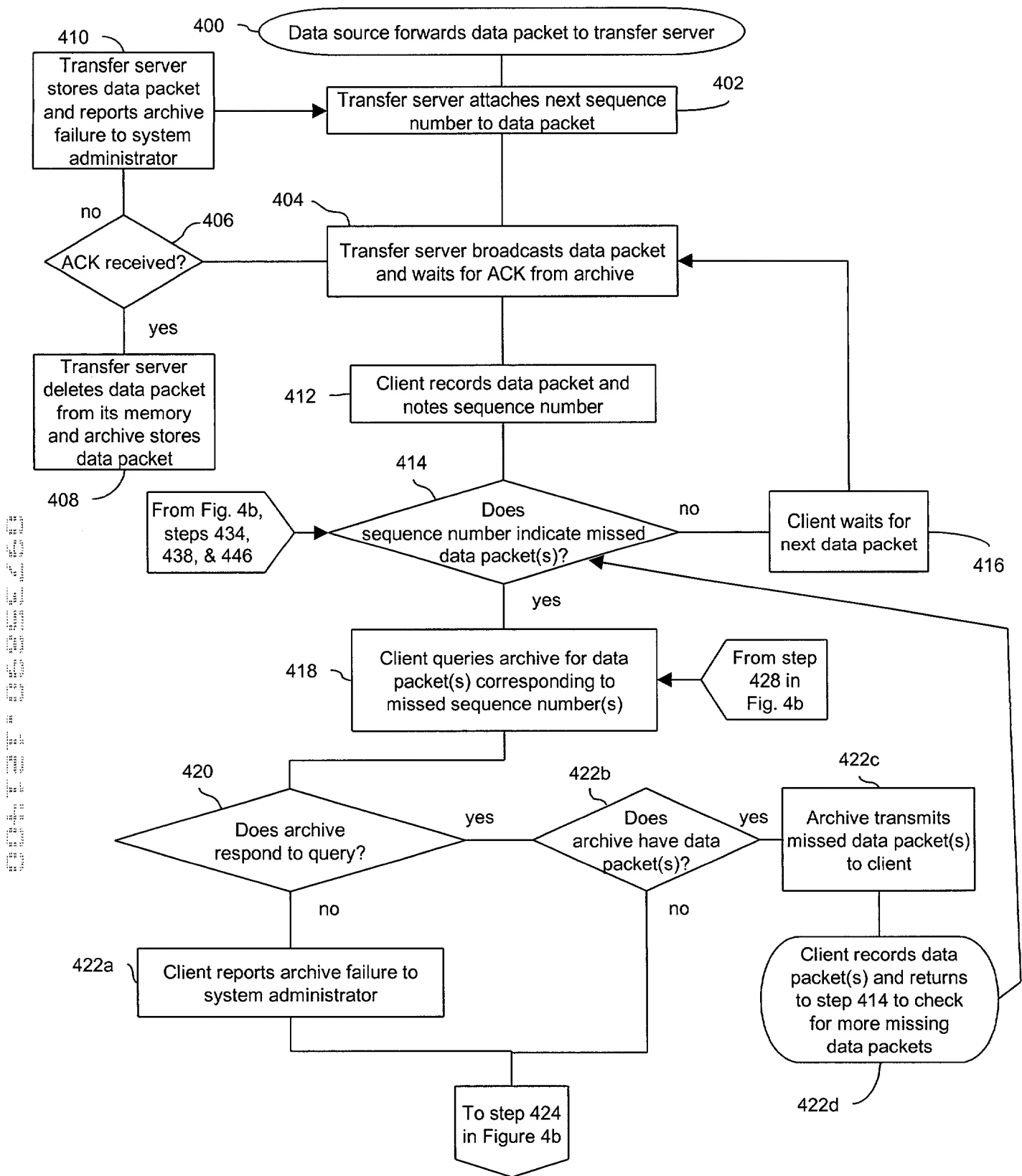


Figure 4a

From steps
422a and 422b
in Figure 4a

424

Client queries transfer server
for data packet(s) corresponding
to missed sequence number(s)

426

Does transfer server
respond to query?

no

428

Client reports transfer
server failure to system
administrator and periodically
resends query to archive
(after timeout period, return
to step 418 on Figure 4a)

yes

430

Does transfer server
have data packet(s)?

yes

432

Transfer server transmits
missed data packet(s)
to client

434

Client records data
packet(s) and returns
to step 414 to check
for more missing
data packets

no

436

Archive
did not respond or
did respond but
has no data
packets.

No data
packets

Did not respond

Client reports to system
administrator that data is not
archived and may be lost,
and then returns to
step 414 to check for
more missing data packets

438

440

Periodically (after timeout period)
query archive until archive responds

442

Does
archive have data
packet(s)?

no

yes

Archive transmits missed
data packet(s) to client

444

446

Client records data
packet(s) and returns
to step 414 to check
for more missing
data packets

To step 414
in Fig. 4a

Figure 4b